HW#57B: Simplify Radicals

Geometry

Due Date: Wednesday, January 29th, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

***Simplify!***

|  |  |  |  |
| --- | --- | --- | --- |
| 1) | | 2) | |
| 3) | |  | |
| 5) | 6) | | 7) |
| 8) | | 9) | |
| 10) | | 11) | |
| 12) | | 13) | |
| 14) What is the value of  ? | 15) For all real values of *x*, if , *a* must be  equivalent to what value?  a) 14  b) 10  c) 3.5  d) 2 | | 16) For all real values of *x*, if , *a* must be equivalent to what value?  a) 2  b) 2.67  c) 3  d) 4 |

HW#58B: Preview Adding and Subtracting Radicals

Geometry

Due Date: Thursday, January 30th, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to show work on all problems or use complete sentences will result in a LaSalle.**

Watch the following video and answer the following questions

<http://tinyurl.com/GEOMCP58B>

1. Solve the following problem just as Mr. Khan does.
2. If the radical is ***COMPLETELY*** the same what can you treat them like?

|  |  |
| --- | --- |
| 1) Simplify: | 2) Simplify: |
| 3) Simplify: | 4) Simplify: |
| 5) Simplify: | 6) Simplify: |
| 7) Factor and Solve.  x² - 2x = 15 | 8) |
| 9) | 10) |
| 11) | 12) |

HW#59: Preview Solving Radical Equations

Geometry

Due Date: Friday, January 31st, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to show work on all problems or use complete sentences will result in a LaSalle.**

Watch the following video and answer the following questions

<http://tinyurl.com/GEOMCP59>

1. Solve the following equation just like Mr. Khan does.
2. List the perfect squares of 1-15

Manipulate the following equations:

|  |  |
| --- | --- |
| 1. Solve for W.   P = 2W + 2L | 1. Solve for a.   *v = u + at* |
| 1. Solve for p. | 1. Solve for x. |
| 1. Solve for n. | 6) Solve for y2. |
| 1. Solve for d. | 1. Solve for u. |
| 8) EXTRA CREDIT: Solve for x | |

HW#60: Radicals Review

Geometry

Due Date: Monday, February 3rd, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1) Simplify | 2) Simplify |
| 3) Simplify | 4) Simplify |
| 5) Simplify: | 6) What is the area of a square with a side length of |
| 7) Simplify: | 8) Simplify: |
| 9) What is the perimeter of a rectangle with a width of and a length of ? | 10) |

HW#61: Into to Imaginary Numbers

Geometry

Due Date: Tuesday, February 4th, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to show work on all problems or use complete sentences will result in a LaSalle.**

Watch the following video and answer the following questions

<http://tinyurl.com/GEOMCP60>

Watch the above video and prepare a 2-minute presentation for the class about imaginary numbers. All of your notes should go in the space below:

|  |  |  |  |
| --- | --- | --- | --- |
| 1)   |  | | --- | |  | | 2) Simplify   |  | | --- | |  | |
| 3)   |  | | --- | |  | | 4)   |  | | --- | |  | |
| 5)   |  | | --- | |  | | 6)   |  | | --- | |  | |